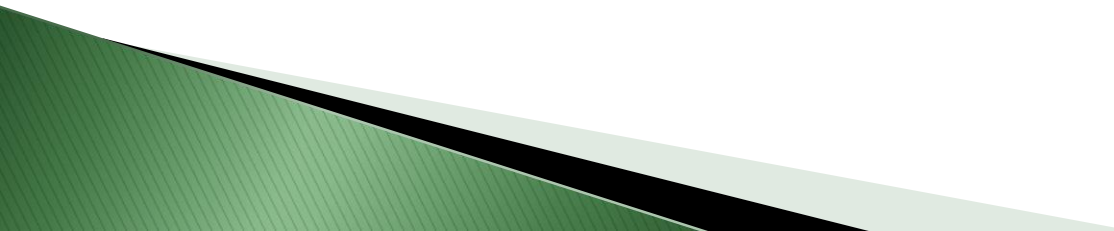


FY 2016 Water Quality Program Grants and Loans Application Workshop

Session for Activities Grants and Loans

Agenda

- ▶ Funding Information
 - ▶ Review of Eligible Projects
 - ▶ Funding Guidelines
 - ▶ EAGL Application Forms
 - ▶ EAGL Tips
 - ▶ Application Submission
- 

Funding Information

Funding Information

- ▶ Competitive Centennial Grants (state funds):
 - Nonpoint Activities = \$8.3 M
- ▶ Revolving Fund (federal funds):
 - 20% to Nonpoint Activity Loans = \$18 M
- ▶ Section 319 (federal funds):
 - 100% to Nonpoint Activity Grants = \$ 1.6 M

Match Requirement and Funding Level Ceilings

- ▶ All nonpoint grant projects have a 25% match requirement.
- ▶ Any combination match:
 - Up to \$250,000 grant award.
 - Total Eligible Project Cost up to \$333,333.
- ▶ Cash only match:
 - Grants over \$250,000 and up to \$500,000.
 - Total Eligible Project cost over \$333,333 and up to \$666,666.

Eligible Grant Projects

All projects must address water quality issues.

- ▶ Stream restoration projects (minimum buffer required):
 - Native plantings
 - Grading and bank stabilization
 - Installation of large woody debris
 - Channel re-establishment
- ▶ Lake restoration projects (Step process required)
- ▶ Wetland restoration

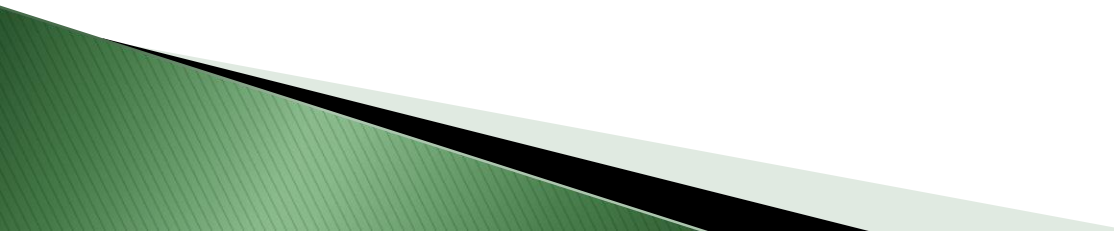
Eligible Grant Projects

- ▶ Groundwater protection
- ▶ Agricultural BMP Implementation
 - Direct seed implementation
 - Livestock exclusion
 - Livestock feeding BMPs
- ▶ Water Quality Monitoring
- ▶ Watershed Planning
- ▶ On-Site Septic Outreach and Education
- ▶ Public Outreach and Education

More information in the funding year guidelines (pages 24–33).



Eligible Nonpoint Loan Projects

- ▶ All projects listed as eligible for grants.
 - ▶ Irrigation efficiency projects.
 - ▶ No-till equipment purchasing program.
 - ▶ Stormwater implementation including LID.
 - ▶ On-site septic repair and replacement.
 - ▶ Wetland creation projects.
- 

Funding Guidelines

- ▶ Riparian Buffer Guidance (Appendix G.)
 - Federal condition of 319 funds passed onto Centennial & SRF.
 - Based on National Marine Fisheries Service guidance
 - Width measured from ordinary high water mark (OHWM).
 - Applies to exclusion fencing setbacks.
 - Mapping tool available.

<http://waecy.maps.arcgis.com/explorer/?open=d5478a4aaf704d81bac63ffc934e1549&extent=-13922905.3138354,5784350.44593158,-13140190.1441951,6268043.96092021>

FY2016 Buffer Incentive

- ▶ Top rated projects can receive 100% reimbursement for buffer implementation
 - Covers
 - Site-specific planning and design.
 - Implementation costs.
 - Livestock exclusion fencing (off-stream watering excluded).
 - Separate task funded out of 319 as funds are available.
 - All other BMPs and task activity will be 75% state share.
 - Complete your application budgets based on the total eligible cost (75% state share+25% match) as normal.

Funding Guidelines

Minimum Buffer Requirements for Surface Waters

Category	Functions	Minimum Buffer Width West of Cascades	Minimum Buffer Width East of Cascades
A. Constructed Ditches, Intermittent Streams and Ephemeral Streams that are not identified as being accessed and were historically not accessed by anadromous or Endangered Species Act (ESA) listed fish species	Water quality, shade, source control and delivery reduction.	35' minimum	35' minimum
B. Perennial waters that are not identified as being accessed and were historically not accessed by anadromous or ESA listed fish species	Water quality, shade, source control and delivery reduction.	50' minimum	50' minimum
C. Perennial, intermittent and ephemeral waters that are identified as being accessed or were historically accessed by anadromous or ESA listed fish species	Water quality, large wood debris (LWD) for cover, complexity and shade and microclimate cooling, source control and delivery reduction.	100' minimum	75' minimum
D. Intertidal and estuarine streams and channels that are identified as being accessed or were historically accessed by anadromous or ESA listed fish species	Water quality, habitat complexity	35'-75' minimum, or more as necessary to meet water quality standards	N/A

Funding Guidelines

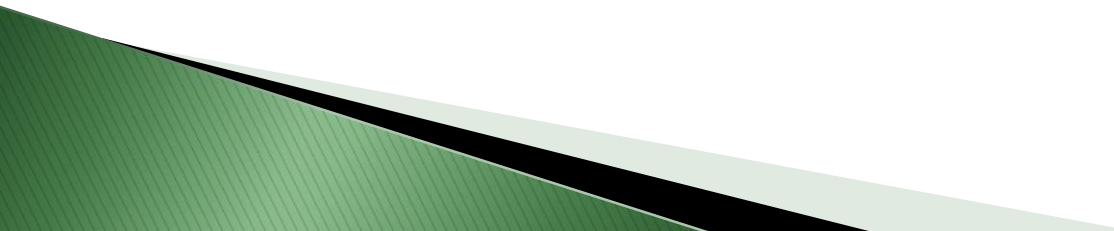
- ▶ Planting required within fencing setbacks.
 - Native trees and shrubs–grass filter strips not sufficient
- ▶ BMP implementation requires Ecology Project Manager written approval.
- ▶ Landowner agreement requirements.
 - 10 year minimum maintenance.
 - No termination clause.
 - Allow for recipient and Ecology access to project site.

Funding Guidelines

- ▶ Caps on livestock feeding BMPs:
 - Heavy Use Area Protection: 75% and \$7,500 max.
 - Waste Storage Facilities 75% and \$12,500 max.
 - Permanent roof, curbed concrete floors, designed and stamped by an engineer. Building permits if required.
- ▶ Off-stream watering: mechanical or electrical forms of power eligible when hook-up available.
- ▶ Farm planning: only eligible when results in water quality BMP recommendations that are consistent with funding guidance.

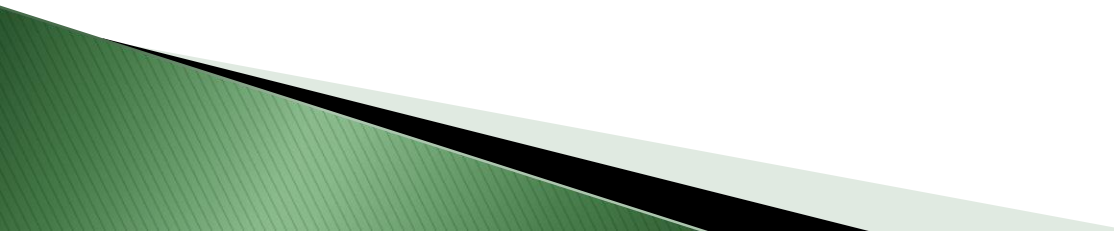
Project Administration

► Reminders:

- Project length: 36 months
 - Funding priority for projects focused on implementation compared to planning.
 - Cultural resources review required before ground disturbing activity can occur.
 - Submittal of standardized progress reports, final closeout reports, payment requests, etc. through EAGL
 - Require progress report and backup documentation submittal with all payments.
- 

Ecology Administration of Grants and Loans (EAGL) System

EAGL

- ▶ Similar questions are compiled into a series of forms.
 - ▶ You will not be required to fill out questions that don't pertain.
 - ▶ Red asterisks * denote required fields.
 - ▶ Scoring and evaluation processes are the same.
- 

Point Breakdown

Scope of Work Form	Up to 250 points
Tasks Costs General Form	Up to 150 points
Water Quality and Public Health Improvements Form	Up to 250 points
Coordination with State and Federal Priorities Form	Up to 100 points
Project Team Form	Up to 50 points
Project Development, Local Support, and Past Performance Form	Up to 75 points
Readiness to Proceed Form	Up to 75 points
Financial Hardship Form (facility projects only)	Up to 50 points
Total	Up to 1,000

- 
- ▶ Activities grant projects rated on a 950 point scale

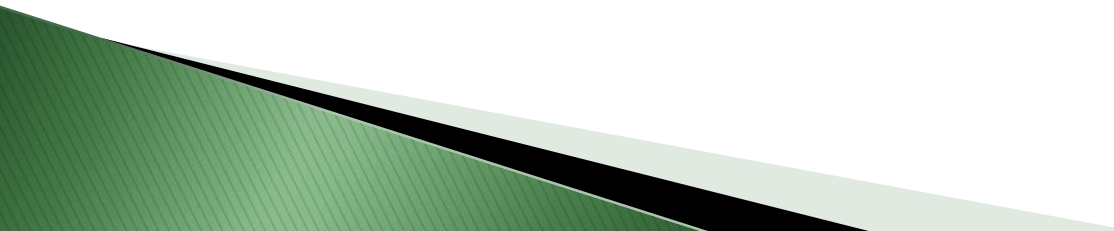
Applying for Funding

► Scoring Guidance:

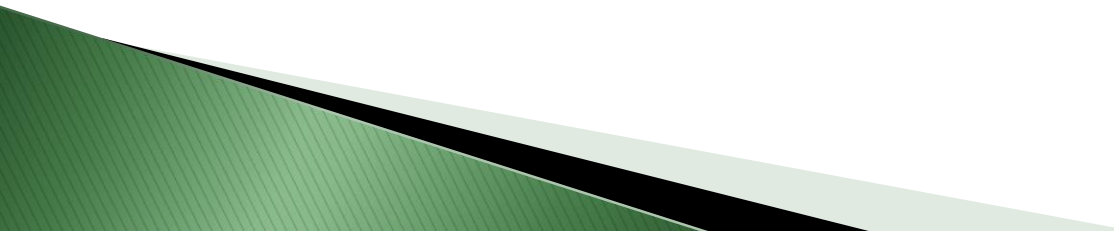
- Found at top of EAGL screen–describes how the reviewer determines the score for questions.
 - Start with 0 points and then earn up to the maximum for that question.
- ## ► One reviewer from the Ecology region and one outside the region.

Note: Paint a good picture for someone unfamiliar with the issues.

FY 2016 EAGL Application Forms

- General Information
 - Recipient Contacts
 - Location Information
 - Scope of Work–Task 1
 - **Scope of Work– Additional Tasks**
 - Scope of Work Summary
 - Subcategory
 - **Task Costs General Questions**
 - Additional Funding Information
 - Project Information
- 

FY 2016 EAGL Application Forms


- Water Body and Water Quality Needs Addressed
 - Nonpoint Source Activity Project Information
 - Water Quality & Public Health Improvements
 - Coordination with State & Federal Priorities
 - Project Team
 - Project Development, Local Support, and Past Performance
 - Readiness to Proceed
 - Uploads
 - Refinance
 - Green Project Reserves (GPR)
 - Preconstruction
 - Hardship
- 

FY 2016 EAGL Application Forms

▶ General Information

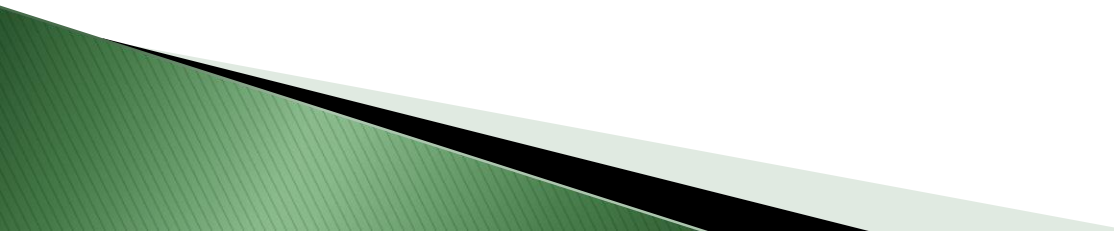
- Short description should be concise and in third person (published in offer lists)

▶ Project Long Description– Include:

- The waterbody addressed.
 - Water quality problem addressed by the project.
 - Planned actions for water quality improvements.
 - Water quality outcomes as a result of the project.
- 

FY 2016 EAGL Application Forms

General Information (continued):

- ▶ Total Cost=The cost of the entire project, including funds outside of Ecology request.
 - ▶ Total Eligible Cost=Ecology share (grant and/or loan)+any match required
 - ▶ Effective date=project start date
 - ▶ Expiration date=project end date
- 

FY 2016 EAGL Application Forms

General Information (continued):

- ▶ Project Category
 - Nonpoint Source Activity
 - Onsite Sewage System
 - Stormwater Activity
 - Stormwater Facility
 - Wastewater Facility

Note: These each have separate form that appears only if selected.

- ▶ Overall Goal–State the overarching water quality and environmental improvements to be made by the project as a whole.

FY 2016 EAGL Application Forms

Waterbody and Water Quality Needs Addressed

- ▶ Identify waterbodies and impairment listings
 - Only include impairments that will be directly addressed by the project.
- ▶ Identify the TMDL(s)–Hold down Ctrl to select multiple entries.
 - Selections will only be highlighted once saved.

Project Information Form

- ▶ 12–digit HUC code

<http://viewer.nationalmap.gov/viewer/nhd.html?p=nhd>



FY 2016 EAGL Application Forms

Nonpoint Source Activity Project Form

- ☐ Agricultural best management practices (BMP)
- ☐ Other BMPs (specify)
- ☐ Site specific planning for BMP implementation
- ☐ Groundwater/aquifer/wellhead protection and/or planning
- ☐ Lake restoration planning and/or implementation
- ☐ Public outreach and education Riparian/wetland restoration
- ☐ TMDL support
- ☐ Water Quality monitoring
- ☐ Other (specify)

Is the project planning, implementation or a combination of both?

Implementation Action

- ▶ Reference the plan(s) that describe this action, including page numbers and where a copy can be obtained

FY 2016 EAGL Application Forms

Stormwater Activity Project Information

- ☐ Source control activities
- ☐ Mapping stormwater system
- ☐ Public education and outreach
- ☐ Stormwater monitoring
- ☐ Stormwater management planning
- ☐ Watershed/basin evaluation and characterization
- ☐ Development of a stormwater utility and/or ordinance
- ☐ Other activity project not related to design and/or construction of a stormwater facility, please describe *

Project Permits: Is this stormwater project required under a permit?
* Yes No

NOTE: Activities required for a Municipal Stormwater Phase I or II permitted community are only eligible for loans.



FY 2016 EAGL Application Forms

On-Site Sewage System (OSS) Project Information Form

- ☐ On-site sewage system surveys and GIS mapping
- ☐ Repair/replacement
- ☐ OSS local loan programs
- ☐ Education and Outreach Other (specify)

Do you have a current Ecology funded OSS local loan program? * Yes No

NOTE: Repair/replacement loan projects can apply for subsidy under GPR's Environmental Innovative category (Subcategory form)

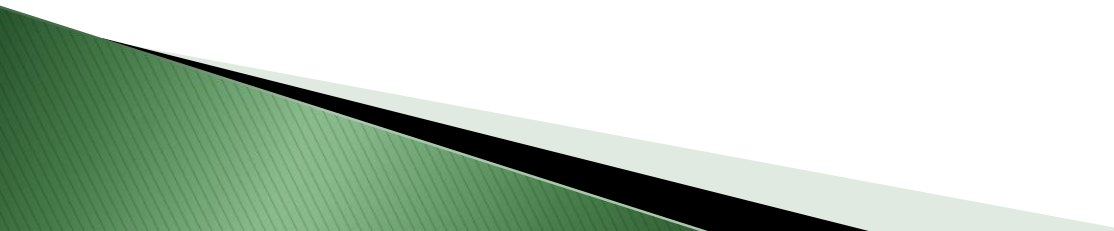


FY 2016 EAGL Application Forms

▶ Recipient Contacts

- Add additional signatories as necessary–Click SAVE to get more fields

▶ Scope of Work– Task 1 Project Admin

- Standard language for all projects and will be in the agreement, if funded.
 - Only step is to include the total eligible cost associated with this task even if \$0.
 - Recipient Task Coordinator Field is optional.
- 

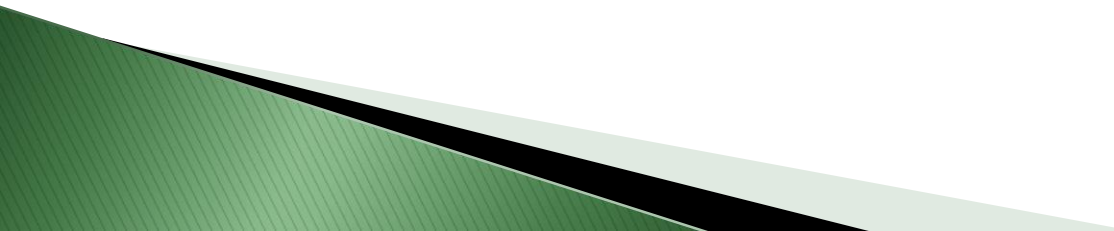
Scope of Work

Total of 250 points

Up to 100 pts

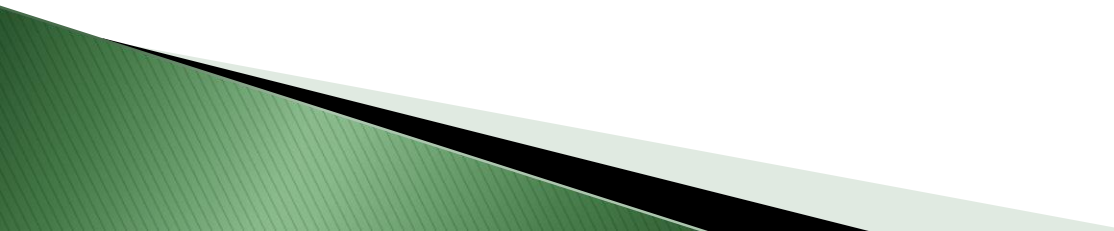
- The Scope of Work represents a complete and concise description of the project tasks and outcomes, including deliverables and timelines.

Up to 150 pts

- The project directly and measurably addresses the water quality problem.
- 

Scope of Work

Additional Tasks

- ▶ **Task Description**–The specific work that will be done to complete the task. (Can be laid out by activity A., B., C., etc.)
 - ▶ **Task Goal**–Purpose of the task. Describe the parameter that will be addressed, or other over-arching effect of the task activities.
 - ▶ **Task Expected Outcome**–The expected changes or improvements that will be achieved by completing the task.
 - ▶ **Task Deliverable**–Tangible or measurable products that will be achieved as a result of completing the task (i.e. Install 1,500 feet of exclusion fence, or develop a watershed assessment report).
- 

Scope of Work

▶ Deliverables

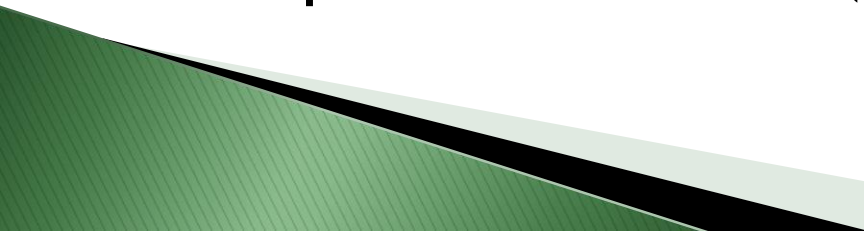
- Deliverable # is automatically generated
- Description is a required field
- Hit SAVE to add more deliverables.

NOTE: Date, Received, EIM Study ID, Latitude, etc. are optional fields.

▶ Scope of Work Summary

- Shows all of your tasks and total eligible costs
- Hit SAVE to “refresh” the system and incorporate any changes you made in the SOW

Scope of Work – Tips

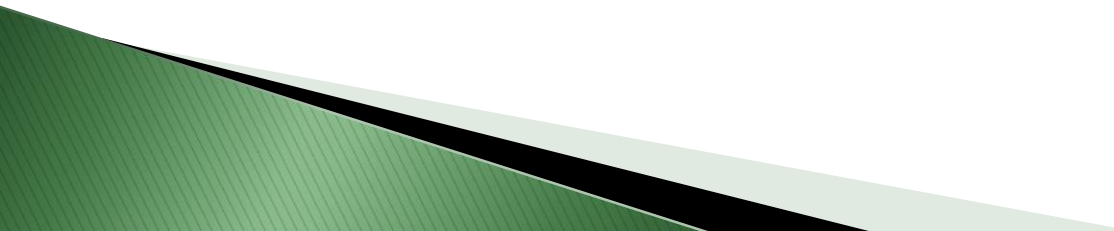
- ▶ Work makes sense for the water quality problem being addressed.
 - ▶ Demonstrate that minimum eligibility requirements will be achieved.
 - ▶ Deliverables must have clear numeric commitments (e.g., 2,100 feet of fence installed, 5 acres of stream restored, obtain 10 signed landowner agreements, etc.)
 - ▶ For BMP implementation, include detailed maps and metrics (buffer widths).
- 

Scope of Work – Tips

- ▶ Monitoring should support the project activities and document project success.
 - Purpose and use of data
 - Parameters: relate to the water quality problem(s).
 - Must include Quality Assurance Project Plan (QAPP) and data submittal activity.
- ▶ Include any equipment purchases or trainings that are necessary.
- ▶ Use active language –“...will conduct temperature sampling at four sites”.

Subcategory Form

Project questions that pertain to:

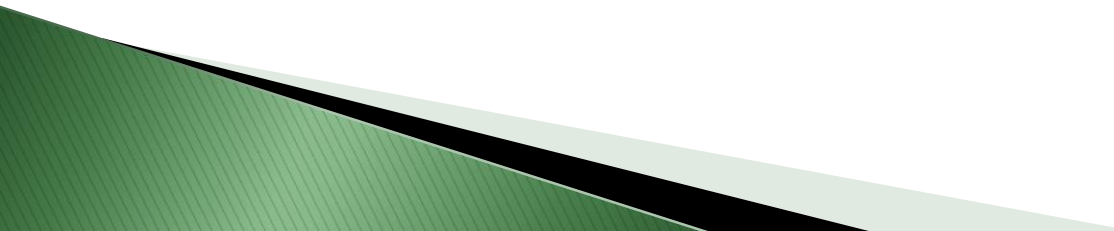
- GPR
 - Loan Refinance
 - Hardship
 - Preconstruction
 - ▶ Prompts special forms to appear if applies to your application
 - ▶ Created so you don't have to answer unnecessary questions.
- 

Task Costs General Form

Total of 150 points

- ▶ Up to 50 pts:
 - The cost estimate process is reasonable.
- ▶ Up to 100 pts:
 - The project budget represents a good value for the work and water quality benefits achieved.
 - Applicant identifies adequate matching funds.

Task Costs General – Tips

- ▶ Budget should be complete, reasonable, and match the scope of work.
 - ▶ Demonstrate that the estimates for costs are accurate and cost effective.
 - ▶ Show good investment to achieve water quality benefits.
 - ▶ Include a list and cost of all equipment that will be needed to execute the project.
 - ▶ Consider cultural resources when doing cost estimates.
- 

Task Costs General – Tips

- ▶ Administration $\leq 15\%$ of the total eligible cost.
- ▶ Demonstrate understanding of work and costs to accomplish project goals.
- ▶ BMP implementation projects must include detailed cost estimates for each proposed installation.
- ▶ Explicit explanation how costs were estimated.
 - Example (300 feet of fence @ \$X a foot = \$Y, 5000 plants = \$X)
- ▶ **Upload supporting documentation!**

FY 2016 EAGL Application Forms

Additional Funding Information

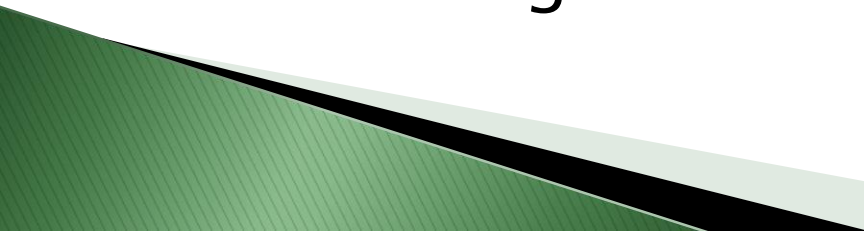
- ▶ Loan request and term
 - Enter \$0 if not requesting and select N/A
- ▶ Grant Request
 - This is the 75% state share requesting from Ecology
 - Asks if you are willing to accept loan funds if grant is not available.
- ▶ Other secured funds
 - Required to enter source, type, and amount if you answered “Yes” to other funds committed question.
 - Only enter what you have committed.
 - More points awarded if you have enough to cover 25% match requirement.

Water Quality and Public Health Improvements

Total of 250 points

- ▶ Up to 50 pts
 - How severe is the water quality problem and how well is it defined?
- ▶ Up to 100 pts
 - The project will achieve substantial water quality and public health benefits.
- ▶ Up to 50 pts
 - Project success can be measured, and proposed methods to measure success are reasonable.
- ▶ Up to 50 pts
 - The project provides long-term water quality benefits. Systems are in place to sustain after funding has ended.

Water Quality and Public Health Improvements – Tips

- ▶ Define the water quality and public health problems addressed by the project.
 - ▶ Describe your performance measures:
 - How will you measure and document success?
 - What are the expected project results?
 - How much of the problem will be addressed by the project?
 - ▶ Describe how improvements will be sustained in the long-term.
- 

Water Quality and Public Health Improvements – Tips

- ▶ Show direct, demonstrated need (# of septs identified as failing, TMDL, etc.).
- ▶ Documentation and data should be referenced or provided to support statements.
- ▶ Direct water quality improvements generally score higher.
- ▶ Make a strong link between the problem, work that will be accomplished, and benefits to be achieved.
- ▶ Be specific.

Minimum score of 125 out of 250 required to receive funding.

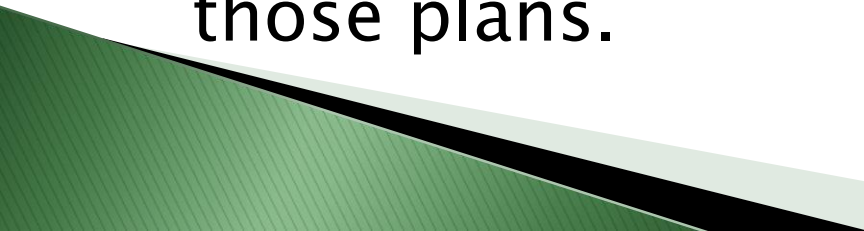
Coordination with State and Federal Priorities

Total of 100 points

► Describe how the project:

- Fulfills a state or federal water quality planning effort.
- Fulfills a TMDL, salmon recovery plan, watershed plan, or Puget Sound Action Agenda, etc.
- Meets the goals, objectives, or requirements in the planning document(s) you've identified.
- Will help meet water quality standards.
- Addresses greenhouse emission reductions to comply with RCW 70.235.070.

Coordination with State and Federal Priorities – Tips

- ▶ Include state and federal laws and regulations.
 - Clean Water Act, Endangered Species Act, Total Maximum Daily Load, Growth Management Act; National Pollutant Discharge Elimination System, etc.
 - ▶ Include how project aligns with TMDL, and that the project has been discussed with the Ecology TMDL Lead.
 - ▶ Be sure that it doesn't conflict with any of those plans.
- 

Project Team

Total of 50 points


- ▶ Up to 20 pts
 - Team members' roles & responsibilities are well defined and adequate for the scope of work.
- ▶ Up to 20 pts
 - Team members' past experience is relevant.
- ▶ Up to 10 pts
 - Staffing commitment is well described.

Project Team – Tips


- ▶ For each established or potential role explain:
 - Contribution to the project
 - Time needed
 - Skills, qualifications, experience
- ▶ Include contractors or partner agencies
- ▶ Do not include a resumes!

Project Development, Local Support and Past Performance

Total of 75 points

- ▶ Up to 20 pts
 - A comprehensive decision process was used to develop the proposed project.
 - ▶ Up to 20 pts
 - Plans for long-term project success and sustainability considered.
 - ▶ Up to 20 pts
 - Local support and commitment for the project.
 - ▶ Up to 15 pts
 - Past performance on other water quality projects, including Ecology funded projects.
- 

Project Development, Local Support and Past Performance

- ▶ How was the project chosen and prioritized?
 - ▶ Describe local support and partnerships for the project.
 - ▶ If applying for multiple projects in the same area, describe how the projects or phases are different and explain the priorities for the area.
 - ▶ Describe past project successes and challenges, including outcomes achieved, and performance on deliverables.
 - ▶ Describe how you will sustain long-term water quality benefits of this project.
- 

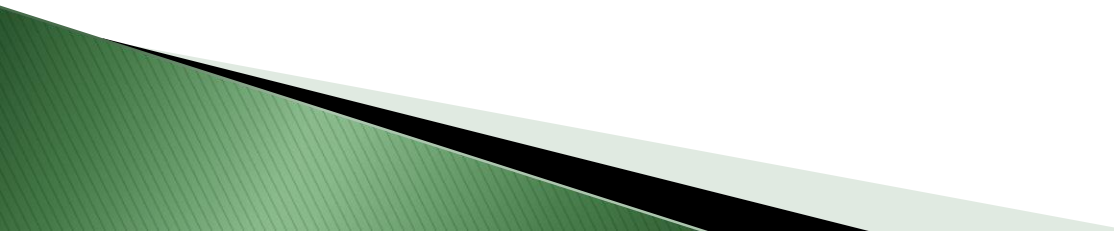
Project Development, Local Support and Past Performance – Tips

- ▶ Points are awarded based on project development efforts and commitments from project partners.
- ▶ How did you decide on this project?
 - Include information on local planning coordination, or a similar process used for decision making.
- ▶ Are others committed to supporting you?
 - How did you garner local support?
 - Project partners vs. project supporters.
- ▶ Provide written documentation to support answers.
- ▶ Evaluators will review files if previously funded.
- ▶ **Upload supporting documentation! (landowner agreements, letters of support, etc.)**

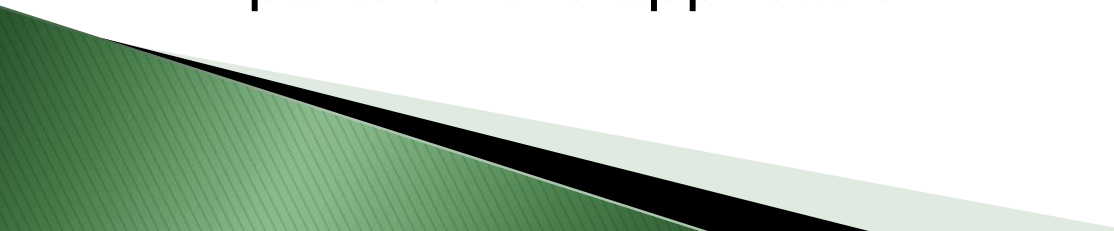
Readiness to Proceed

- ▶ 75 points
- ▶ Project elements are in place for the project to proceed and documentation is provided.

Readiness to Proceed – Tips

- ▶ Demonstrate preparedness to start the project when money is awarded.
 - ▶ Include if items such as permits or cultural resources surveys have been completed.
 - ▶ Provide information on interlocal agreements and project partners.
 - ▶ Consider timeline in the scope of work.
 - ▶ Should have contingency plan.
- 

Readiness to Proceed– Tips

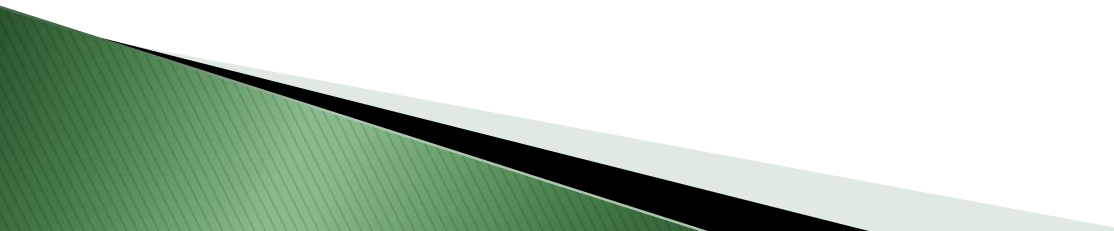
- ▶ Points are awarded based on how soon a project can begin.
 - ▶ It is important to have landowner agreements and project partners ready to support the project.
 - Describe landowner commitment.
 - List secured landowner commitments and include agreements.
 - Describe the BMPs ready for implementation; this should support the discussion provided in other parts of the application.
- 

Financial Hardship

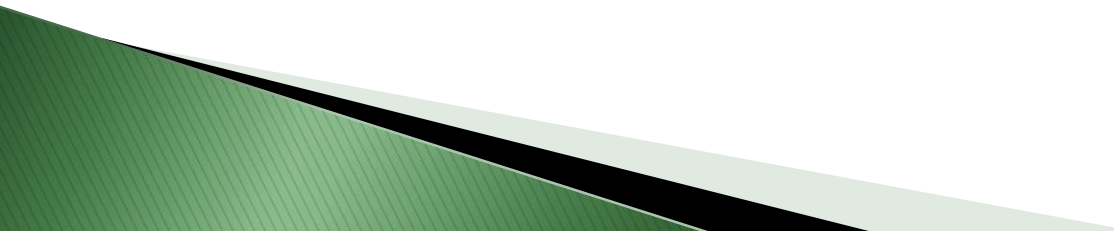
50 points

- ▶ Only for loans with communities claiming hardship.

General Tips for Success

- ▶ Relate the work directly to the water quality problem discussed and addressed by the project.
 - ▶ Get help with the scope of work if you are struggling.
 - ▶ Implementation activities score higher than solely planning or monitoring.
 - ▶ Make sure project is consistent with TMDL recommendations.
- 

General Tips for Success

- ▶ Have landowners or partners lined up and ready to go, and provide written documentation.
 - ▶ Demonstrate how project meets minimum BMP requirements.
 - ▶ Show clear quantitative deliverables.
 - ▶ Conduct a cost estimate process and explain it in detail.
 - ▶ Be aware of timelines.
- 

General Tips for Success

- ▶ Give yourself enough time to complete the application.
- ▶ Proofread the application. Have a second reviewer.
- ▶ Make sure all of the questions have been answered.
 - Thoroughly read the questions and scoring information to make sure all requested information has been provided.
- ▶ If you have questions, ask! We are here to help.

EAGL Tips

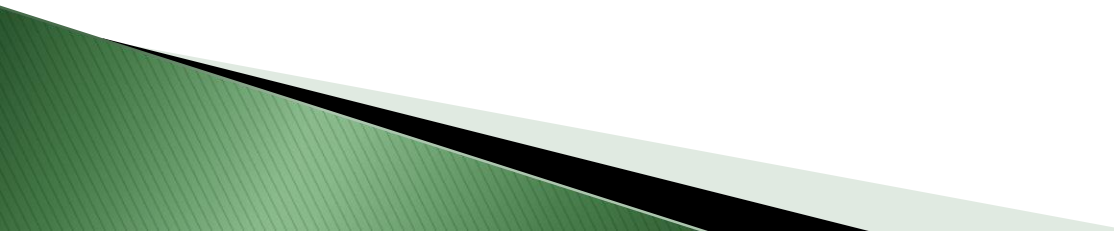
- ▶ SAVE often!!
- ▶ No formatting.
 - Recommend use of Notepad or other unformatted text software to copy/paste into the system.

EAGL Application Prep Tool available:

<http://www.ecy.wa.gov/programs/wq/funding/cycles/FY2016/index.html>

- ▶ No spell check. Review your answers carefully.

EAGL Tips

- ▶ Remember your application number!
 - ▶ To add more data fields for multiple entries (i.e. multiple entries like HUC codes) click SAVE and a new line will appear.
 - ▶ To add more tasks to the Scope of Work, click on the ADD button at the top of the screen.
 - ▶ Scoring guidance and FY16 Funding Guidance are available at the top of the Forms Menu.
 - ▶ Hit SAVE when in a “Summary” form to refresh the data.
- 

Application Submission

- ▶ Be sure to correct any errors and go to “Change Status” on the Application menu to submit.
- ▶ Submission due before midnight (11:59pm) on **November 7, 2014.**
- ▶ Check website

<http://www.ecy.wa.gov/programs/wq/funding/cycles/FY2016/index.html>

Sign up for our WQ Financial Assistance
Listserv

<http://listserv.wa.gov/cgi-bin/wa?A0=ECY-WQ-GRANTS-LOANS>

Questions?

- ▶ Please take a moment to fill out our evaluation form.

Thank you.